

42. A method of screening for an active compound from a berry of a plant of the Panax genus comprising:

- a) obtaining berry extract; and
- b) analyzing the extract for the active compound.

5 43. The method of claim 42, further comprising isolating the active compound.

44. The method of claim 43, further comprising identifying the isolated compound.

45. The method of claim 44, further comprising synthesizing the identified compound.

46. The method of claim 42, wherein the extract comprises at least one ginsenoside.

10 47. The method of claim 42, wherein the extract comprises non-ginsenoside components.

48. The method of claim 47, wherein the extract is ginsenoside free.

49. The method of claim 42, further comprising administering the fractions to an animal having hyperglycemia.

15 50. The method of claim 49, further comprising measuring blood glucose, wherein a decrease in blood glucose indicates that the fraction comprises an active compound.